Subject Index, Volume 7, 1991

Aggregation of red blood cells, 3
Angiotensin converting enzyme, 161
Arterioles, 183 , 199
Atherosclerosis, 51

Blood flow, 77
Blood flow in microvessels, 3
Bradykinin, 217

Calmidazolium, 217
Capillaries, 183
Capillaroscopy, 51
Capillary blood flow, 305
Capillary flow, 183
Capillary fragility, 51
Centrivenous sinusoids, 57
Cheek pouch, 217
Cholesterol/phospholipid, 245
Compound 48/80, 217
Conjunctivae, 51
Coronary circulated, 77
Cutaneous capillaries, 305
Cytochalasin B, DDAVP, diphenhydramine, tubulazole C, or verapamil, 217
Cytosolic red cell free calcium, 257

Density of flowing capillaries, 305
Diabetes mellitus, 257
Diameters, 183
Difusion distances, 77
Dynamic structure, 3

Endothelial cells, 161
Endothelium, 161
Endothelium-derived relaxing factor, 199
Erythrocyte deformability, 257
Erythrocyte membrane dynamic properties, 257
Erythrocyte membrane fluidity, 245, 257
Erythrocyte metabolic parameters, 245
Erythrocyte protein lateral mobility, 257
Essential hypertension, 245
Essential obesity, 293

Fatty acid flourescent probes, 245
Fluorescein isothiocynate dextran, 217
Gastric, 133
Gastric microcirculatory, 133

Hamster cheek pouch, 199
Hamsters, 217
Heart, 77
Heat stress, 305
Hematocrit, 3
Hepatic lobules, 57
Hepatic microvascular regulatory mechanisms, 57
Histamine, 217
Hypertension, 245
Hypotensive rats, 57
Hypoxia, 199

Intra-vital light microscopy, 217
In vivo microscopy, 133

Subject Index, Volume 7, 1991

Aggregation of red blood cells, 3
Angiotensin converting enzyme, 161
Arterioles, 183 , 199
Atherosclerosis, 51

Blood flow, 77
Blood flow in microvessels, 3
Bradykinin, 217

Calmidazolium, 217
Capillaries, 183
Capillaroscopy, 51
Capillary blood flow, 305
Capillary flow, 183
Capillary fragility, 51
Centrivenous sinusoids, 57
Cheek pouch, 217
Cholesterol/phospholipid, 245
Compound 48/80, 217
Conjunctivae, 51
Coronary circulated, 77
Cutaneous capillaries, 305
Cytochalasin B, DDAVP, diphenhydramine, tubulazole C, or verapamil, 217
Cytosolic red cell free calcium, 257

Density of flowing capillaries, 305
Diabetes mellitus, 257
Diameters, 183
Difusion distances, 77
Dynamic structure, 3

Endothelial cells, 161
Endothelium, 161
Endothelium-derived relaxing factor, 199
Erythrocyte deformability, 257
Erythrocyte membrane dynamic properties, 257
Erythrocyte membrane fluidity, 245, 257
Erythrocyte metabolic parameters, 245
Erythrocyte protein lateral mobility, 257
Essential hypertension, 245
Essential obesity, 293

Fatty acid flourescent probes, 245
Fluorescein isothiocynate dextran, 217
Gastric, 133
Gastric microcirculatory, 133

Hamster cheek pouch, 199
Hamsters, 217
Heart, 77
Heat stress, 305
Hematocrit, 3
Hepatic lobules, 57
Hepatic microvascular regulatory mechanisms, 57
Histamine, 217
Hypertension, 245
Hypotensive rats, 57
Hypoxia, 199

Intra-vital light microscopy, 217
In vivo microscopy, 133

Ischemia, 183
Ischemia-reperfusion, 133
Ischemic decrease of blood flow rate, 3

Leukocytes, 183
Lobular units, 57
Local mast cell, 267
Lymphatic endothelial cell, 161

Macromolecules, 267
Macrorheological determinants, 245
Mast cell degranulation, 267
Menopause, 51
Microcirculation, 183
Microvascular heterogeneity, 57
Microvascular pressure, 109
Morphometry, 77

Nailfolds, 51
Nitric oxide, 199
Non-insulin-dependent diabetes mellitus, 293
Norepinephrine, 109

Oscillometry, 51
Oxygen, 199
Oxygen diffusion, 245
Oxyradicals, 133

Papaverine, 109, 217
Phospholipids, 245
Postcapillary venules, 267

Rat, 183
Rats, 109
Red blood cells, 3
Red cell Ca content, 245
Red cell calcium content, 257
Red cell cytosolic free calcium, 245
Red cell lipids, 293
Red cell membrane, 245
Reperfusion, 183
Resistance, 109
Resistance servo-null method, 109
Rheological determinants, 293
Rheological properties of blood, 3

Saline, 217
Serotonin, 57
Single plexus capillaries, 305
Skeletal muscle, 109, 183
Skin thermometry, 51
Smallest arteries and veins, 3
Smoking, 51
Subepidermal vascular plexus, 305

Thoracic ducts, 161
Tracer concentrations, 217

Vascular leakage sites, 217
Vascular permeability, 267
Vasoconstriction, 109, 199
Vasodilation, 109, 199
Venules, 183
von Willebrand factor, 161